

APPENDIX A

ACRONYMS AND ABBREVIATIONS

AADT	Average Annual Daily Traffic
ADT	Average Daily Traffic
AASHTO	American Association of State Highway and Transportation Officials
ACEC	Areas of Critical Environmental Concern
ACHP	Advisory Council on Historic Preservation
AFB	Air Force Base
APE	Area of Potential Effect
APW	Anaconda Pintler Wilderness Area
AQRV	Air Quality Related Values
ARM	Administrative Rules of Montana
ASTM	American Society for Testing and Materials
ATSDR	Agency for Toxic Substances and Disease Registry
AWEA	American Wind Energy Association
BACT	Best Available Control Technology
b_{ext}	Light extinction coefficient
BLM	Bureau of Land Management
BMP	Best Management Practices
BMW	Bob Marshall Wilderness
BNSF	Burlington Northern and Santa Fe Railroad
BPA	Bonneville Power Administration
Btu	British thermal unit
CECRA	Comprehensive Environmental Cleanup and Responsibility Act
CEQ	Council on Environmental Quality
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CFB	Circulating Fluidized Bed (boiler coal technology)
CFR	Code of Federal Regulations
cfs	Cubic feet per second
CH ₄	Methane
CLRD	Chronic Lower Respiratory Disease
CO	Carbon Monoxide
CRIS	Cultural Resource Inventory System
CRP	Conservation Reserve Program
CWA	Clean Water Act
dB	Decibel
dBA	A-weighted Decibel
DEIS	Draft Environmental Impact Statement
DEQ	Department of Environmental Quality (Montana)
DNRC	Department of Natural Resources and Conservation (Montana)
DOE	Department of Energy (U.S.)
DOT	Department of Transportation (Montana)
DSM	Demand Side Management
EA	Environmental Assessment
EERE	Energy Efficiency and Renewable Energy (U.S. DOE)
EIA	Energy Information Administration (U.S. DOE)
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency (U.S.)

EPP	Environmentally Preferred Product
ESA	Environmental Site Assessment
ESA	Endangered Species Act
FAA	Federal Aviation Administration
FEIS	Final Environmental Impact Statement
FERC	Federal Energy Regulatory Commission
FGD	Flue Gas Desulfurization
FLAG	Federal Land Manager's Air Quality Related Values Work Group
FLM	Federal Land Managers
FPPA	Farmland Protection Policy Act
fps	Feet per second
FRPP	Farm and Ranch Land Protection Program
FWP	Department of Fish, Wildlife and Parks (Montana)
G&T	Generation and Transmission
GAO	Government Accountability Office (U.S.) [formerly the General Accounting Office]
GE	General Electric
GHG	Greenhouse Gas
GMW	Gates of the Mountains Wilderness area
GNP	Glacier National Park
gpm	Gallons per minute
H ₂ O	Water
H ₂ S	Hydrogen sulfide
H ₂ SO ₄	Sulfuric Acid
ha	hectare
HAP	Hazardous Air Pollutant
HAR	Hydrated Ash Reinjection
HC	Hydrocarbons
Hg	Mercury
HGS	Highwood Generating Station
HNO ₃	Nitric Acid
HPSL	High Plains Sanitary Landfill
ICBM	Intercontinental Ballistic Missile
IGCC	Integrated Gasification Combined Cycle
IMC	International Malting Company
INEEL	Idaho National Engineering and Environmental Laboratory (U.S. DOE)
IWAQM	Interagency Workgroup of Air Quality Modeling
kCM	kiloCircularMil (phase conductors)
kV	Kilovolt
kWh	Kilowatt-Hour
L90	90th Percentile-Exceeded Noise Level,
lb	Pound
Ldn	Day-Night Average Noise Level
Leq	Equivalent Noise Levels
LESA	Land Evaluation and Site Assessment
LF	Linear (or lineal) feet
LFG	Landfill Gas

LMA	Labor Market Area
LOS	Level-of-Service
LUST	Leaking Underground Storage Tank
MAAQS	Montana Ambient Air Quality Standards
MCA	Montana Code Annotated
Mcf	Thousand cubic feet
MDEQ	Montana Department of Environmental Quality
MDFWP	Montana Department of Fish, Wildlife, and Parks
MDOT	Montana Department of Transportation
MEPA	Montana Environmental Policy Act
MFISH	Montana Fisheries Information System
mgd	Million gallons per day
mi ²	Miles squared (or square miles)
MMBtu	Million British Thermal Units
MMW	Mission Mountain Wilderness area
MNHP	Montana Natural Heritage Program
MPC	Montana Power Company
MPDES	Montana Pollutant Discharge Elimination System
MSA	Metropolitan Statistical Area
MSL	Mean Sea Level
MSW	Municipal Solid Waste
MT	Montana
MW	Megawatt
MWh	Megawatt-hour
NAAQS	National Ambient Air Quality Standards
NEMS	National Energy Modeling System
NEPA	National Environmental Policy Act
NGCC	Natural Gas Combined Cycle
NGO	Non-Governmental Organization
NH ₃	Ammonia
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NO _x	Nitrogen oxides
NO	Nitric Oxide
NOI	Notice of Intent
NPL	National Priorities List
NPS	National Park Service
<u>NRC</u>	<u>Nuclear Regulatory Commission</u>
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSR	New Source Review
NWPP	Northwest Power Pool
O&M	Operations and Maintenance
O ₂	Oxygen
O ₃	Ozone
Pb	Lead
PC	Pulverized Coal

PM	Particulate Matter
PM ₁₀	Particulate Matter smaller than 10 microns in diameter
PPL	Pennsylvania Power & Light
ppm	Parts per million
PRB	Powder River Basin
PSD	Prevention of Significant Deterioration
PV	Photovoltaic
RCRIS	Resource Conservation Recovery Information System
RDF	Refuse Derived Fuel
REC	Recognized Environmental Condition
RFP	Request for Proposal
RTI	Research Technologies, Inc.
RUS	Rural Utilities Service
SAC	Strategic Air Command
SCR	Selective Catalytic Reduction
SGW	Scapegoat Wilderness area
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SME	Southern Montana Electric (SME Generation and Transmission Cooperative, Inc.)
SNCR	Selective Non-Catalytic Reduction
SO ₂	Sulfur Dioxide
SO ₄	Sulfate
Tcf	Trillion cubic feet
TCP	Traditional Cultural Properties
TES	Threatened and Endangered Species
TMDL	Total Maximum Daily Load
U.S.	United States
USC	United States Code
ULBW	UL Bend Wilderness Area
USDA	U.S. Department of Agriculture
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VOC	Volatile Organic Compound
VRM	Visual Resource Management
WAPA	Western Area Power Administration
WECC	Western Electricity Coordinating Council
WGA	Western Governors Association
WSCC	Western System Coordination Council

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